



DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE
BELLEVUE, WA 98009-9012

DETERMINATION OF NON-SIGNIFICANCE

PROPONENT: Karen Culver

LOCATION OF PROPOSAL: 375 Shoreland Drive SE

DESCRIPTION OF PROPOSAL: Remove existing vertical timber bulkhead and replace with a rock bulkhead with a beach cove, shoreline planting, and spawning gravel installation

FILE NUMBERS: 13-122011-WE

PLANNER: Drew Folsom

The Environmental Coordinator of the City of Bellevue has determined that this proposal does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(C). This decision was made after the Bellevue Environmental Coordinator reviewed the completed environmental checklist and information filed with the Land Use Division of the Development Services Department. This information is available to the public on request.

- ☐ There is no comment period for this DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's office by 5:00 p.m. on _____.
- ☒ This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's Office by 5 p.m. on **2/27/2014**
- ☐ This DNS is issued under WAC 197-11-340(2) and is subject to a 14-day comment period from the date below. Comments must be submitted by 5 p.m. on _____. This DNS is also subject to appeal. A written appeal must be filed in the City Clerk's Office by 5:00 p.m. on _____.

This DNS may be withdrawn at any time if the proposal is modified so as to have significant adverse environmental impacts; if there is significant new information indicating a proposals probable significant adverse environmental impacts (unless a non-exempt license has been issued if the proposal is a private project); or if the DNS was procured by misrepresentation or lack of material disclosure.


Environmental Coordinator


Date

OTHERS TO RECEIVE THIS DOCUMENT:

- ☒ State Department of Fish and Wildlife / Stewart.Reinbold@dfw.gov; Christa.Heller@dfw.wa.gov;
- ☒ State Department of Ecology, Shoreline Planner N.W. Region / Jobu461@ecy.wa.gov; sepaunit@ecy.wa.gov
- ☒ Army Corps of Engineers Susan.M.Powell@nws02.usace.army.mil
- ☐ Attorney General ecyolyef@atg.wa.gov
- ☒ Muckleshoot Indian Tribe Karen.Walter@muckleshoot.nsn.us; Fisheries.fileroom@muckleshoot.nsn.us

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:
2. Name of applicant: **Karen Culver**
3. Address and phone number of applicant and contact person:

17087 SE 65th Place, Bellevue, WA. 98006

4. Date checklist prepared: **6/6/2013**

5. Agency requesting checklist: **City of Bellevue**

6. Proposed timing or schedule (including phasing, if applicable): **Work to be completed after receipt of all permits and within the applicable work windows.**

Pre WDFW work windows

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **NO**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. **Biological Evaluation – The Watershed Company dated May 2013.**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. **There are residential construction permits issued at the site.**

10. List any government approvals or permits that will be needed for your proposal, if known.

1. **City of Bellevue Shoreline Exemption permit.**
2. **City of Bellevue SEPA Review.**
3. **City of Bellevue Building permit**
4. **Wash Dept of Fish and Wildlife – HPA.**
5. **US Army Corps of Engineers – Letter of Permission.**

Received
DEC 19 2013
Permit Processing

2.7 2/7/14

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Normal repair of an existing residential bulkhead consisting of removing the creosote sheet wall and associated pilings and constructing a granite rock bulkhead, cove and beach. Install a shoreline planting plan.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The property is located in Bellevue south of Meydenbauer Bay on Lake Washington at 375 SE Shoreland Drive: ¼ Section SE, Section 31, Township 25, Range 5, and government lot 7768700005. Lat: 47.60658 N. Long: 122.21588 W.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

- b. What is the steepest slope on the site (approximate percent slope)?

Approximately 10%.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Clay, sand and gravel are located on the site and the adjacent inshore of Lake Washington.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **NO.**

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed.

Indicate source of fill. **Place approximately 35 cubic yards of spawning fish mix in the nearshore in front of the bulkhead.**

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

The proposed rock bulkhead will be constructed to eliminate erosion of the area around the waterfront, and reduce the erosion of the spawning gravel associated with the nearshore in front of the bulkhead.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

No change.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Engineered rock type and size will be installed to reduce erosion from the proposed cove and beach and in front of the proposed rock bulkhead.

*FURTHER MITIGATED BY BCC 23.76
"EROSION CONTROL"*

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Minimal engine exhaust from the crane for a limited time during construction. None after project is complete.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **None.**

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: **None required.**

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The project is over Lake Washington.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes. The project work will be adjacent to Lake Washington (see attached drawings) consisting of constructing a new granite rock bulkhead behind the southern section of the site, and a cove and beach in the northern section of the site. We will remove and dispose of the existing wall. We will place 35 yards of spawning gravel in the nearshore in front of the rock bulkhead and over the clean round rock in the cove.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

There is no dredging as part of this project. We propose to place 30 cubic yards of spawning gravel in the nearshore .

**BEACH GRAVEL TO MEET
WDFW STANDARDS**

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No water will be withdrawn or diverted in the project.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Unknown.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

NO.

- b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

NO.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste material will be discharged as part of this project.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

There is no water runoff or collection other than normal surface water at this residential property.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

No.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: **There are none proposed as part of this project.**

4. Plants

- a. Check or circle types of vegetation found on the site:

☒ deciduous tree: alder, maple, aspen, other

☒ evergreen tree: **fir**, cedar, pine, other

☒ shrubs

☒ grass

_____ pasture

_____ crop or grain

_____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

_____ water plants: water lily, eelgrass, milfoil, other

_____ other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

A planting plan consisting of native and emergent plants, trees and shrubs is proposed to be planted as part of the rock bulkhead and cove replacement project.

PLANTINGS WILL BE INSPECTED BY THE CITY OF BELLEVUE TO ENSURE PROPER INSTALLATION.

- c. List threatened or endangered species known to be on or near the site.

PS Chinook and Steelhead Salmon, Bull Trout.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any. **Please see proposed attached planting plan.**

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site. **Potential for Steelhead Salmon, Bull Trout and Chinook Salmon to be in the adjacent waters of Lake Washington.**

- c. Is the site part of a migration route? If so, explain.

Migration route for salmonoids..

- d. Proposed measures to preserve or enhance wildlife, if any: **Installation of 35 cubic yards of spawning gravel in the nearshore area in front of the bulkhead.**

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. **None as part of this project.**
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. **No.**
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: **None.**

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No.

- 1) Describe special emergency services that might be required. **None.**
- 2) Proposed measures to reduce or control environmental health hazards, if any: **None.**

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? **None.**
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. **Minimal engine noise as part of the construction process during the hours between 7:00 AM – 5:00 pm weekdays. No additional noise after the project is completed.**

- 3) Proposed measures to reduce or control noise impacts, if any: **None required as part of this project.**

**NOISE FURTHER MITIGATED BY
BCC 9.18 "NOISE CONTROL"**

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? **Residential single family housing as well as residential water based recreation.**
- b. Has the site been used for agriculture? If so, describe. **No.**

- c. Describe any structures on the site. **Single family residence.**
- d. Will any structures be demolished? If so, what? **The existing creosote wood sheet wall bulkhead and associated piles will be removed after the new granite rock bulkhead and cove is constructed.**
- e. What is the current zoning classification of the site? ~~R2.5~~ **2 - 1.8**
- f. What is the current comprehensive plan designation of the site? ~~Unknown.~~
SF-L (SINGLE-FAMILY LOW)
- g. If applicable, what is the current shoreline master program designation of the site? **As defined by the City of Bellevue.**
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. **Unknown.**
YES - SHORELINE
- i. Approximately how many people would reside or work in the completed project? **None.**
- j. Approximately how many people would the completed project displace? **None.**
- k. Proposed measures to avoid or reduce displacement impacts, if any: **None.**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **The proposed bulkhead and cove is consistent with shoring and land protection at other adjacent residences.**

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. **None.**
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **None.**
- c. Proposed measures to reduce or control housing impacts, if any: **None required.**

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? **The proposed bulkhead will be 34" above the OHWL.**
- b. What views in the immediate vicinity would be altered or obstructed? **None.**
- c. Proposed measures to reduce or control aesthetic impacts, if any: **None.**

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? **N/A.**
- b. Could light or glare from the finished project be a safety hazard or interfere with views? **N/A.**

c. What existing off-site sources of light or glare may affect your proposal? **None.**

d. Proposed measures to reduce or control light and glare impacts, if any: **None .**

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity? **Traditional residential water related recreational activities including swimming and boating.**

b. Would the proposed project displace any existing recreational uses? If so, describe. **No.**

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: **None.**

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. **No.**

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. **None.**

c. Proposed measures to reduce or control impacts, if any: **None.**

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. **The site is located adjacent to SE Shoreland Drive.**

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? **No.**

c. How many parking spaces would the completed project have? How many would the project eliminate? **N/A.**

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). **None.**

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. **No.**

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. **N/A.**

g. Proposed measures to reduce or control transportation impacts, if any: **None required.**

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. **No.**

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

b. Proposed measures to reduce or control direct impacts on public services, if any. None.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. No new utilities will be required for this project.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Karen AL

Date Submitted: ^{Dec}~~June~~ 7, 2013

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

The proposed project will have no effect.

Proposed measures to avoid or reduce such increases are:

None required.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

The proposed project will not adversely affect plants, animals, fish or marine life.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

None required.

3. How would the proposal be likely to deplete energy or natural resources?

The proposed project will have no affect on energy or natural resources.

Proposed measures to protect or conserve energy and natural resources are:

None required.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

The proposed project will have no affect on environmentally sensitive areas.

Proposed measures to protect such resources or to avoid or reduce impacts are:

None required.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

The proposed project and the related shoreline use is consistent with the existing residential shoreline use in the vicinity and along Lake Washington.

Proposed measures to avoid or reduce shoreline and land use impacts are:

None required.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

The proposed project will not affect transportation or public services.

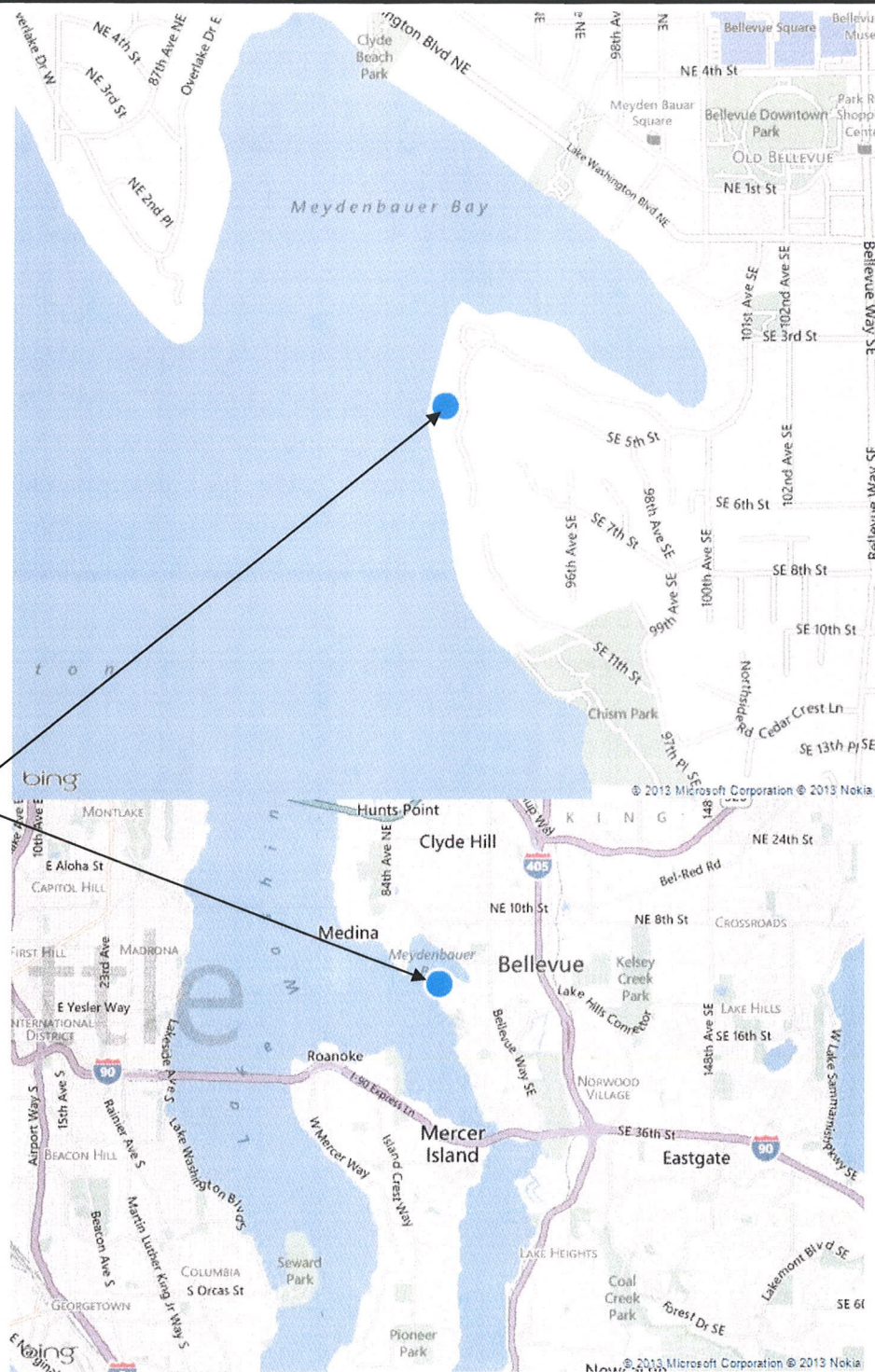
Proposed measures to reduce or respond to such demand(s) are:

None required.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

The proposed project conforms to all local, state and federal environment requirements.

PROJECT SITE



Received
DEC 19 2013
Permit Processing

PROJECT ADDRESS: 375 SE SHORELAND DR. BELLEVUE, WA. 98004 **LAT:** 47.606552 N. **LONG:** 122.215378 W.

PARCEL NUMBER: 7768700005

APPLICANT: TED BURNS – SEABORN PILE DRIVING CO. 9311 SE 36TH STREET SUITE 204 MERCER ISLAND, WA. 98040 206.236.1700

PURPOSE: PROVIDE PROPERTY PROTECTION
FOR AN EXISTING SINGLE FAMILY RESIDENCE



DATUM: CORPS OF ENGINEERS 1919

ADJACENT OWNERS:

JOHN LUGGER

WILLIAM BLETHEN

364 SE SHORELAND DRIVE

BELLEVUE WA. 98004

BELLEVUE, WA. 98004

PROPOSE: Normal repair of an existing residential bulkhead
consisting of removing the creosote sheet wall and associated pilings
and constructing a granite rock bulkhead, cove and beach.
Install a shoreline planting plan.

IN: LAKE WASHINGTON

AT: BELLEVUE

COUNTY: KING

APPLICANT: KAREN CULVER

17087 SE 65TH PLACE

BELLEVUE, WA. 98006

DATE: 12/10/13

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VICINITY MAP
PROPOSED ROCK BULKHEAD
SCALE 1" = 57'

PURPOSE: PROVIDE PROPERTY PROTECTION
FOR AN EXISTING SINGLE FAMILY RESIDENCE



DATUM: CORPS OF ENGINEERS 1919

ADJACENT OWNERS:

JOHN LUGGER

BELLEVUE WA. 98004

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BELLEVUE, WA. 98004

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IN: LAKE WASHINGTON

AT: BELLEVUE

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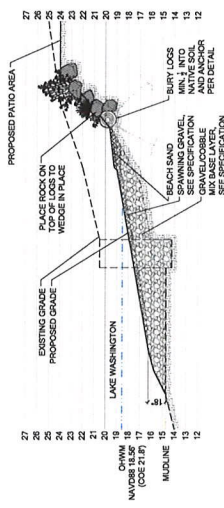
17087 SE 65TH PLACE

BELLEVUE, WA. 98006

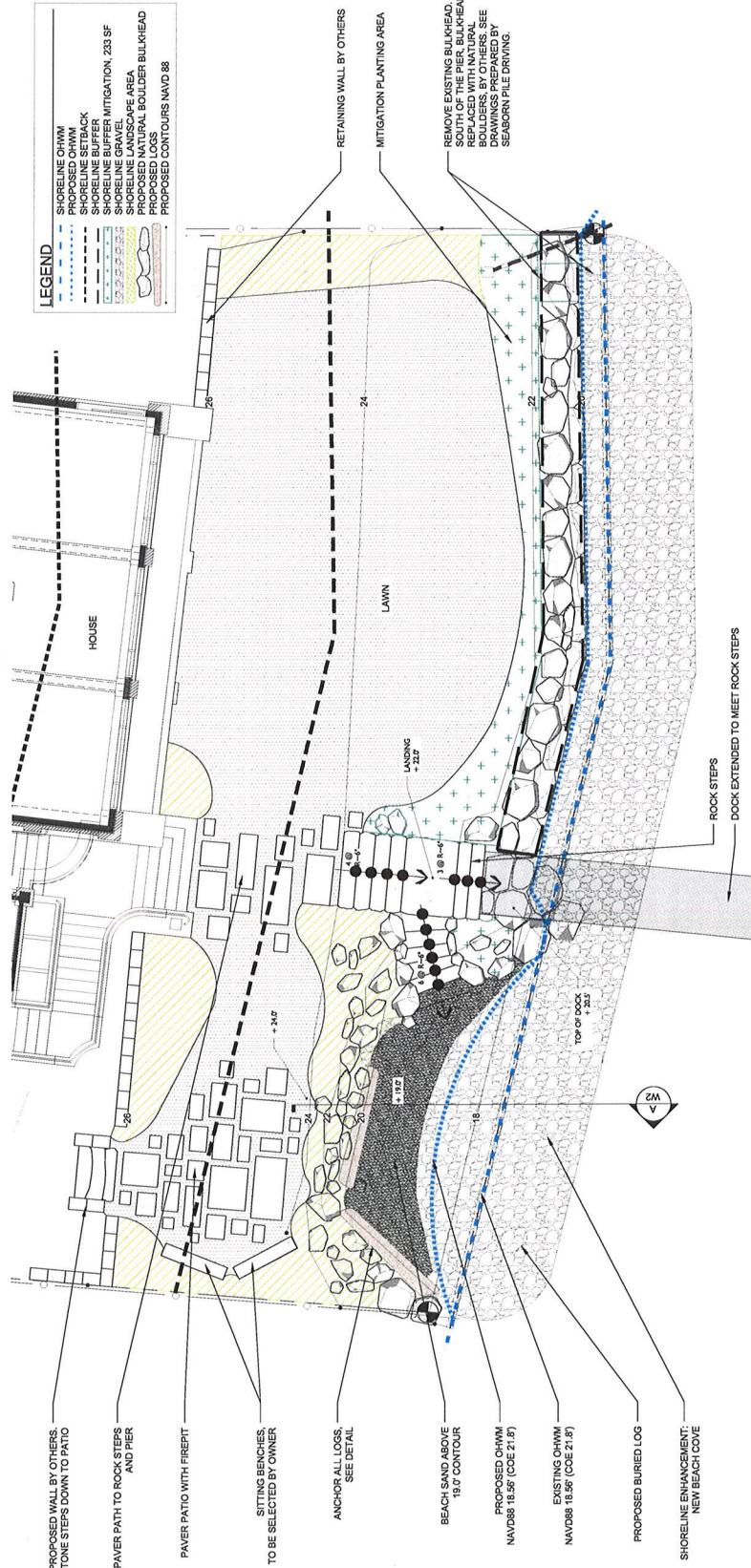
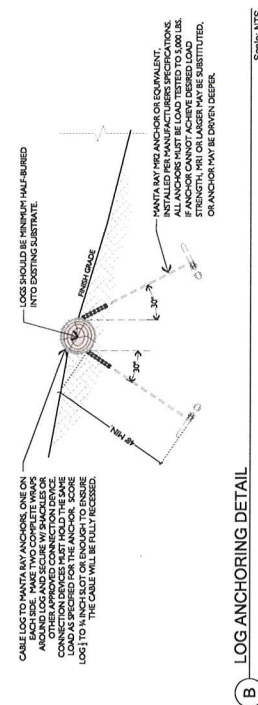
DATE: 12/10/13

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A SECTION THROUGH COVE



B LOG ANCHORING DETAIL



PROPOSED ENHANCEMENT PLAN

